



CLEAR WIDTH	DISTANCE BETWEEN POSTS	LENGTH OF UPPER GATE BEAM	OVERALL GATE LENGTH
** 16'-0"	16'-7"	15'-4 $\frac{1}{4}$ "	15'-9 $\frac{3}{4}$ "
** 14'-0"	14'-7"	13'-4 $\frac{1}{4}$ "	13'-9 $\frac{3}{4}$ "
12'-0"	12'-7"	11'-4 $\frac{1}{4}$ "	11'-9 $\frac{3}{4}$ "
10'-0"	10'-7"	9'-4 $\frac{1}{4}$ "	9'-9 $\frac{3}{4}$ "

GENERAL NOTES

POSTS SHALL BE SET IN GROUND AT THE DEPTH SHOWN, FILLED AND
COMPACTED EVERY 6 INCHES WITH ORIGINAL SUBSOIL.

ALL SAW CUTS AND HOLES DRILLED IN TIMBERS SHALL BE TREATED IN ACCORDANCE WITH SECTION 507.2.2.6 AND WOOD PRESERVATIVE SHALL BE SECTION 507.2.3.4 OF THE STANDARD SPECIFICATIONS.

GATE LOCK CAN BE MASTER KEYED AND SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS: SHACKLE DIA. OF $\frac{3}{8}$ ", VERTICAL CLEARANCE OF $1\frac{1}{2}$ ", HORIZONTAL CLEARANCE OF $1\frac{1}{32}$ ".

ALL METAL SHALL BE PAINTED WITH A ZINC RICH PRIMER AND ONE COAT OF EPOXY FINISH PAINT. A SECOND FINISH COAT SHALL BE FIELD APPLIED AFTER INSTALLATION.

STOPPING POSTS SHALL BE SET AT EACH SIDE AND EQUIPPED WITH
LOCKING POST LOCK BAR FOR HOLDING IN POSITION.

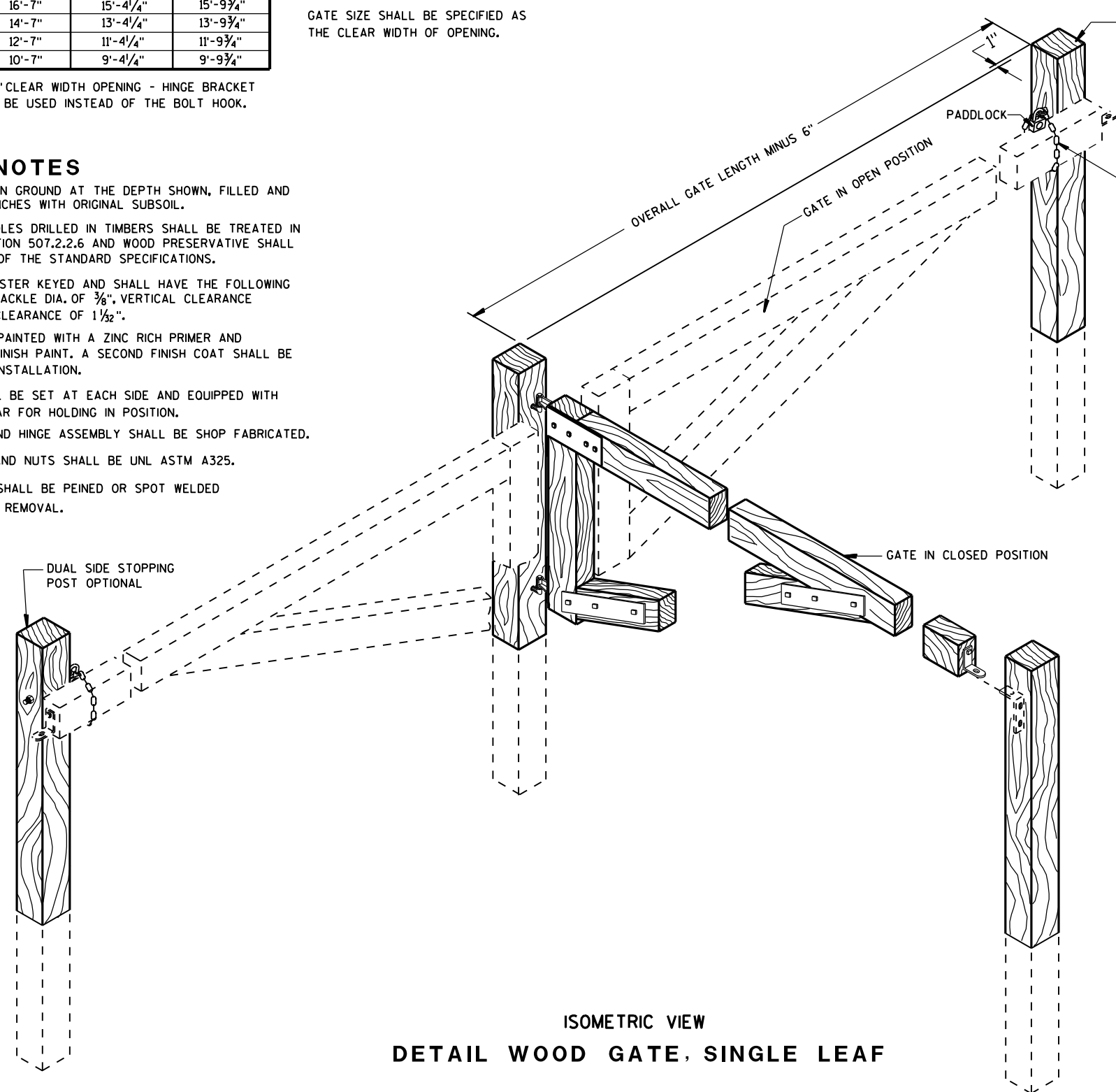
ALL TIMBER BRACES AND HINGE ASSEMBLY SHALL BE SHOP FABRICATED.

ALL BOLTS, WASHERS AND NUTS SHALL BE UNL ASTM A325.

HINGE BOLT THREADS SHALL BE PEINED OR SPOT WELDED
IN PLACE TO PREVENT REMOVAL.

DESIGN NOTE:

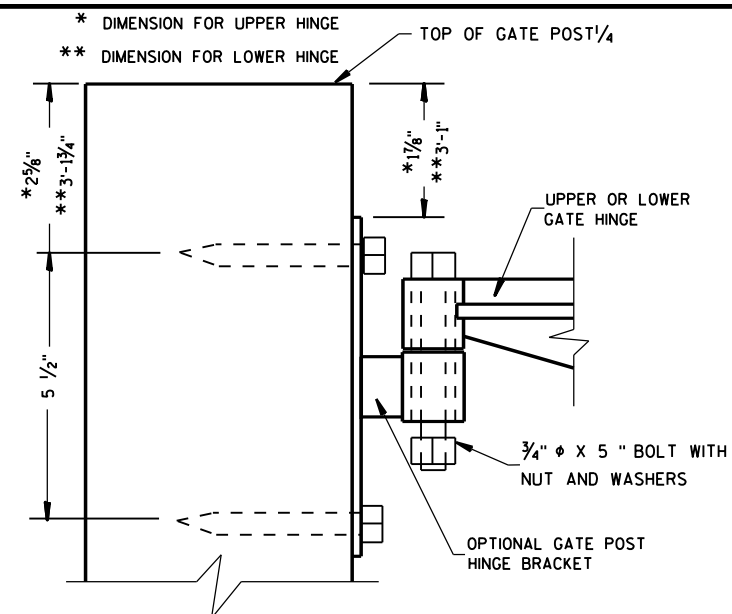
GATE SIZE SHALL BE SPECIFIED AS
THE CLEAR WIDTH OF OPENING.



NORMAL 6" X 6" STOPPING
POST SET IN GROUND 4'-0"

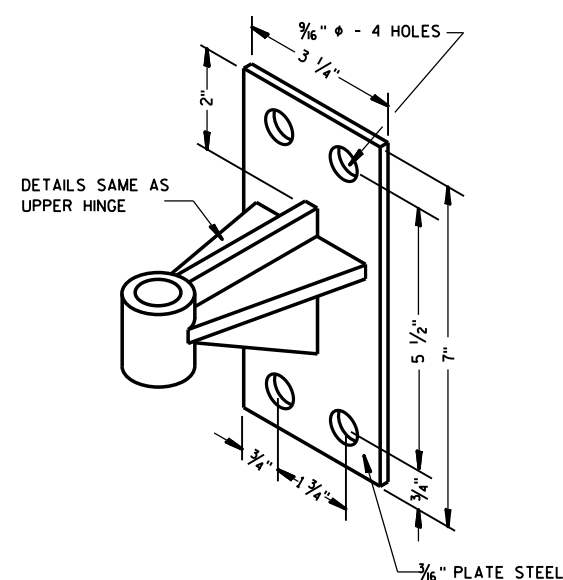
28" -1/2" PROOF COIL CHAIN
ATTACHED TO EYE BOLT WITH
STD. CONNECTING LINK OR
COLD SHUT LINK

NOTE:
ALL PIECES FOR HINGE SHALL BE
FABRICATED WITH A $\frac{3}{16}$ " LEG
FILLET WELD.

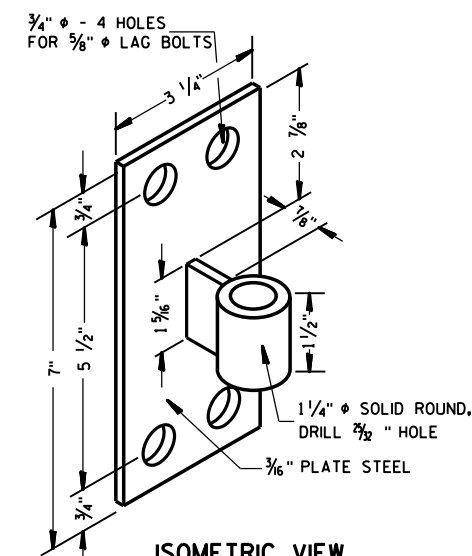


SIDE VIEW

**INSTALLATION FOR OPTION B
GATE POST HINGE BRACKET**



ISOMETRIC VIEW
LOWER GATE HINGE



ISOMETRIC VIEW
OPTION B
GATE POST HINGE BRACKET

NOTE: TO BE USED IN PLACE OF HOOK BOLT
FOR A 16' CLEAR WIDTH OPENING ONLY
(USE ON BOTH UPPER & LOWER GATE HINGE ASSEMBLY)

WOOD GATE, SINGLE LEAF

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

1/5/94
DATE

/S/ Rory L. Rhinesmith
CHIEF METHODS DEVELOPMENT ENGINEER

FHWA

*Wood Gate, Single Leaf***References:**

NONE

Bid items associated with this drawing:ITEM NUMBERDESCRIPTIONUNIT

NONE

Standardized Special Provisions associated with this drawing:STSP NUMBERTITLE

NONE

Other SDDs associated with this drawing:

NONE

Design Notes:

NONE

Contact Person:

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